

File No.

DUPLICATE

T. 29 R. 11

County Chouteau

RECEIVED
JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

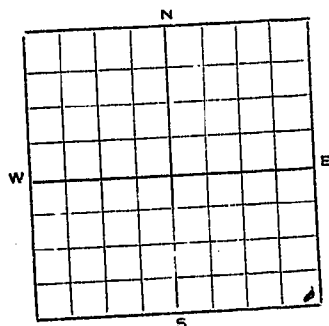
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest J. Peterson, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 6 T. 29 R. 11

Indicate point of appropriation and
place of use, if possible. Each small
square represents 10 acres.

2. The beneficial use on which the claim is based Household
irrigation

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1948 continuous

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gal. per min.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1947 - Started digging - finished 1948

8. The depth of water table 24 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 8" drilled hole - 147 ft. deep

10. The estimated amount of groundwater withdrawn each year half million gallons

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record none

Signature of Owner

Ernest J. Peterson

Date Dec. 21, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
and Quadruplicate for the Appropriator.

26338

(Town)

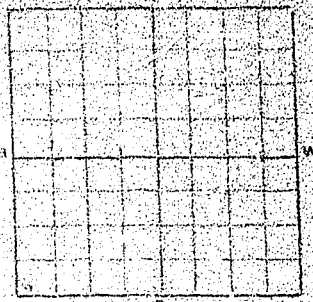
(Address)

(Name of Applicant)

County of

have appraised groundwater according to the Montana Act of 1902 as follows:

1. The location of the claim is shown on the map.
2. The amount of groundwater claimed (in cubic feet or gallons per minute).
3. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.
4. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.



Indicate point of appropriation and place of use, if possible. Each well or other means of withdrawal represents 10 acres.

5. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater.
6. The depth of water table.
7. So far as it may be available the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
8. The estimated amount of groundwater withdrawn each year.
9. The location of formations encountered in the drilling of each well, if available.
10. Such other information of a similar nature as may be needed in carrying out the policy of this act, including references to book and page of any survey record.

347027

STATE OF MONTANA, 7th DISTRICT
COUNTY OF CHOUTEAU, 1st DISTRICT

Filed DEC 9 1902 at 1:00 o'clock PM

By [Signature] County Clerk

By [Signature] Paid

File No.

DUPLICATE

T. 29 R. 11

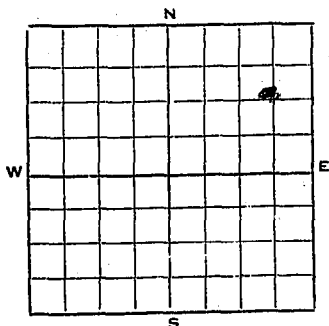
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Big Horn
JAN 7 1964
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest J. Peterson, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7. E. 1/4 NE Sec. 7. T. 29 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction year of 1912 to 1913
8. The depth of water table 12 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 26 gpm
10. The estimated amount of groundwater withdrawn each year 15 acre ft
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Ernest J. Peterson

Date Jan 21, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26339

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G. 4

File No. _____

DUPLICATE

T 29 N R 11 E

County Chouteau

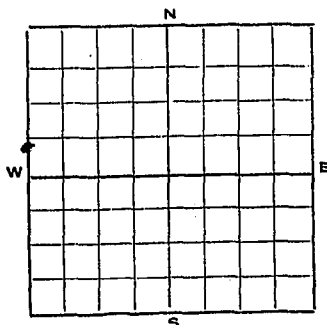
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy E. Parker, of Big Sandy, Montana
(Name of Appropriator) (Address) (Town)
County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 2 T29 R12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based household use and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 until 1962 continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 " Flow"
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof home Roy E. Parker Sen 6 Twp 2 S Range 11 E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal in rotary pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known as well was in use when the country was settled in 1912
8. The depth of water table 25'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 1/2 ft width 26 ft depth one other marks
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Warranty Deed 294175 Book 66 page 215

Signature of Owner Roy E. Parker

Date Dec 24-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26071

adverse testimony. To select
 those of the foregoing facts which
 indicate point of subdivision and

tion of each well or other means of irrigation.
 The means of irrigation shall enter from the land and the water
 to which water has been applied and name of the owner thereof.
 It shall be for the purpose of the water, and description of the land
 (hereinafter)

1. The type of measurement and completion of the land section of the well, well or other means for each
 quantity of measurement
 2. The date of measurement and completion of the land section of the well, well or other means for each
 3. The date of measurement and completion of the land section of the well, well or other means for each
 4. The date of measurement and completion of the land section of the well, well or other means for each

1. The type of measurement and completion of the land section of the well, well or other means for each
 2. The date of measurement and completion of the land section of the well, well or other means for each
 3. The date of measurement and completion of the land section of the well, well or other means for each
 4. The date of measurement and completion of the land section of the well, well or other means for each

1. The type of measurement and completion of the land section of the well, well or other means for each
 2. The date of measurement and completion of the land section of the well, well or other means for each
 3. The date of measurement and completion of the land section of the well, well or other means for each
 4. The date of measurement and completion of the land section of the well, well or other means for each

346723

STATE OF MONTANA
 COUNTY OF CHouteau
 Filed DEC 27 1963
 At 8:00 o'clock A.M.
 By George W. Henry County Clerk
 Paid 2.00

File No. _____
DUPLICATE

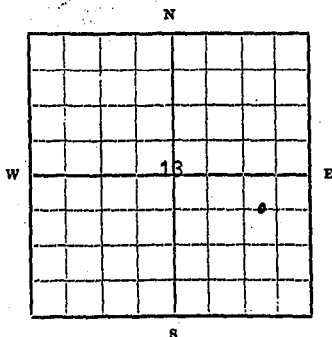
T. 29 N R. 11 E
County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAR 16 1962
STATE ENGINEER

1. PETER CHRISTOFFERSON, of Big SANDY
(Name of Appropriator) (Address) (Town)
County of CHOUTEAU State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 13 T. 29 N R. 11 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based STOCK - WATERING
3. Date or approximate date of earliest beneficial use; and how continuous the use has been DECEMBER 1, 1961
CONTINUOUS SINCE THAT DATE.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ENTIRE OUTPUT OF WELL - LESS THAN
1 GALLON PER MINUTE.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT ADEQUATE FOR IRRIGATION. IRRIGATION
NOT CONTEMPLATED.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP, SEE PLAT.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater COMMENCED ABOUT NOVEMBER 15, 1961, COMPLETED DECEMBER 1, 1961.
8. The depth of water table 8 FEET.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater AN OPEN WELL DUG WITH A CLAM SHELL SHOVEL
6 FEET IN DIAMETER, 16' 8" DEEP. CONCRETE CURBING IS 12 FEET FROM BOTTOM. TREATED
PLANK CURBING 7' 8" RESTS ON CONCRETE CURBING AND EXTENDS 3 FEET ABOVE THE GROUND.
10. The estimated amount of groundwater withdrawn each year 200,000 GALLONS
11. The log of formations encountered in the drilling of each well if available FIRST 8 FEET, CLAY AND
SAND MIXED. NEXT 4' 8" FINE SAND. NEXT 4 FEET, CLAY.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Peter Christofferson
Date MARCH 13, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1725

File No.

DUPLICATE

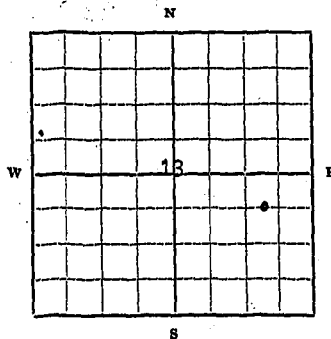
T. 29 N. R. 11 E. S. 13
County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAR 16 1962
STATE ENGINEER

1. PETER CHRISTOFFERSON (Name of Appropriator) Big Sandy (Address) Big Sandy (Town)
County of CHOUTEAU State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 13 T. 29 N. R. 11 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based STOCK - WATERING
3. Date or approximate date of earliest beneficial use; and how continuous the use has been DECEMBER 1, 1961
CONTINUOUS SINCE THAT DATE.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ENTIRE OUTPUT OF WELL - LESS THAN
1 GALLON PER MINUTE.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT ADEQUATE FOR IRRIGATION. IRRIGATION
NOT CONTEMPLATED.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP, SEE PLAT.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater COMMENCED ABOUT NOVEMBER 15, 1961, COMPLETED DECEMBER 1, 1961.
8. The depth of water table 8 FEET.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater AN OPEN WELL DUG WITH A CLAM SHELL SHOVEL
6 FEET IN DIAMETER, 16' 8" DEEP. CONCRETE CURBING IS 12 FEET FROM BOTTOM. TREATED
PLANK CURBING 7' 18" RESTS ON CONCRETE CURBING AND EXTENDS 3 FEET ABOVE THE GROUND.
10. The estimated amount of groundwater withdrawn each year 200,000 GALLONS.
11. The log of formations encountered in the drilling of each well if available FIRST 8 FEET, CLAY AND
SAND MIXED. NEXT 4' 18" FINE SAND. NEXT 4 FEET, CLAY.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Peter Christofferson

Date 7 MARCH 13, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1725

339847

Groundwater Rights

Peter Christofferson

-to-

The Public

STATE OF MONTANA,
COUNTY OF CHOUTEAU.

Filed 884E 15 1952 10
at 1:00 o'clock P.

George W. Harvey

County Clerk

By Irma M. Harris

Deputy

Fee 1.00 Paid

File No.

DUPLICATE

T. 29 N R. 11
County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

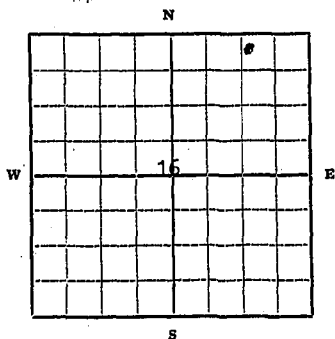
RECEIVED
MAR 15 1962

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. PETER CHRISTOFFERSON, of Big SANDY
(Name of Appropriator) (Address) (Town)

County of CHOUTEAU State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 16 T.29N R.11E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
STOCK - WATERING

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOVEMBER 1, 1961.
INTERMITTANT USE.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ENTIRE OUTPUT OF WELL.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT CONTEMPLATED.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP, SEE PLAT

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater COMMENCED OCTOBER 16, 1961. COMPLETED NOVEMBER 11, 1961

8. The depth of water table 14 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater AN OPEN WELL DUG WITH A PLAM SHELL SHOVEL, 6 FEET IN DIAMETER, 24 FEET DEEP. CONCRETE CURBING IS 28 FEET DEEP AND EXTENDS 4 FEET ABOVE GROUND.

10. The estimated amount of groundwater withdrawn each year 800,000 GALLONS.

11. The log of formations encountered in the drilling of each well if available
SAND

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Peter Christofferson

Date MARCH 13, 1962.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1724

339848

Groundwater Rights

Peter Christofferson

-to-

The Public

STATE OF MONTANA, T.
COUNTY OF GROUPEAU, M.

Filed MAR 15 1952 Y

at 1:00 o'clock P. M.

George W. Harvey
County Clerk

By Irma N. Harris Deputy

Fee \$ 1.00 Paid

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Chouteau

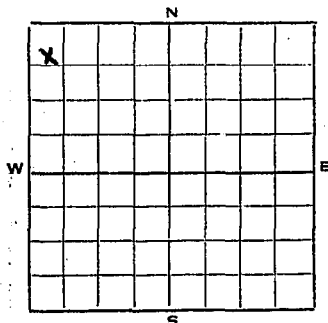
RECEIVED
DEC 23 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. CLARENCE L. EDWARDS, of BIG SANDY, MONT.
(Name of Appropriator) (Address) (Town)

County of CHOUTEAU State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec 18 T29N R11E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

LIVESTOCK & DOMESTIC

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

SEPT. '48 TO THE PRESENT TIME

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

16 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

GARDEN PLOT - NW 1/4 NW 1/4, SEC 18, T29, R11

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

SEPTEMBER, 1948

8. The depth of water table

60 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

DRILLED WELL - 6" CASING - 140 FEET DEEP

10. The estimated amount of groundwater withdrawn each year

876,000 GAL.

11. The log of formations encountered in the drilling of each well if available

NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Clarence L. Edwards
Date Dec 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; duplicate to the School of Mines and Quadruplicate for the Appropriator.

[illegible]

1980

CONFIDENTIAL

tion of each well or other means by which it is the means of supplying and augmenting the water.

Background

File No. _____

DUPLICATE

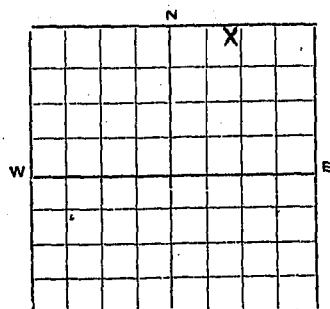
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 29 R. 11
County CHOUTEAU
RECEIVED
DEC 23 1963
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. CLARENCE L. EDWARDS, of BIG SANDY
(Name of Appropriator) (Address) (Town)
County of CHOUTEAU State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 of Sec. 18 T. 29 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
LIVESTOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
CONTINUOUS
SINCE SEPT. 1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
ONE G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
GASOLINE ENGINE PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
SEPT 1955
8. The depth of water table
NINE FEET
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
DIG WELL - SIX FEET DIAMETER
DEPTH 20 FEET
10. The estimated amount of groundwater withdrawn each year
365,000 GAL.
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Clarence L. Edwards

Date Nov. 18 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

11189

Original to the County Clerk and Recorder, returned to the County Clerk and Recorder, all documents, 12 and subsequent to date, returned to the County Clerk and Recorder.

These copies to be filed by the County Clerk and Recorder, returned to the County Clerk and Recorder, all documents, 12 and subsequent to date, returned to the County Clerk and Recorder.

STATE OF MONTANA
COUNTY OF CHOUTEAU
Filed DEC 19 1963
11:30 A.M.
Clerk of Court
Deputy Clerk
2.00 Paid

11. The job of the surveyor is to be the same as the job of the surveyor.

370,000.00

12. The job of the surveyor is to be the same as the job of the surveyor.

13. The job of the surveyor is to be the same as the job of the surveyor.

14. The job of the surveyor is to be the same as the job of the surveyor.

2420 PINE LEAVES FOUNTAIN

15. The job of the surveyor is to be the same as the job of the surveyor.

16. The job of the surveyor is to be the same as the job of the surveyor.

17. The job of the surveyor is to be the same as the job of the surveyor.



File No.

DUPLICATE

T. 29 N. R. 11 E

RECEIVED
JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

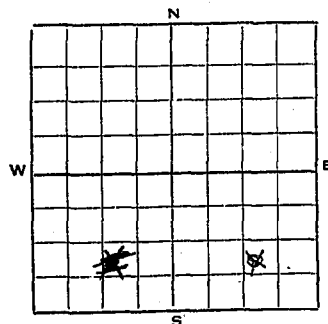
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHANNE B. HANSEN of Box 426 BIG SANDY
(Name of Appropriator) (Address) (Town)

County of CHouteau State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 36 T. 29 N. R. 11 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based STOCK WATER - IRRIGATION OF FRUIT TREES
3. Date or approximate date of earliest beneficial use; and how continuous the use has been OCT 1938 TO PRESENT

4. The amount of groundwater claimed (in miner's inches or gallons per minute) NATURAL FLOW BY ACTUAL MEASUREMENT - 2.1 GAL PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3 ACRES FRUIT TREES IMMEDIATELY NW OF WELL

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 1938 - INTERMITTENT IMPROVEMENTS FROM TIME TO TIME TO PRESENT TIME

8. The depth of water table 7 FEET TO 7 1/2 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" CASING TO 7 FEET. PERFORATE CASING TO 12 FEET

10. The estimated amount of groundwater withdrawn each year 30,000 - 32,000 GAL

11. The log of formations encountered in the drilling of each well if available 0-6' SHALE 6-7' SANDY SHALE - BROKEN SANDSTONE, 7-12' CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record IN PROCESS OF RECORDING

Signature of Owner Mrs. Johanne B. Hansen

Date 12-23-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26103



adverse reference 10 years
place of use, if possible, each annual
judicial body of administration and

tion of crop well or other means of irrigation
The means of irrigating such water from the ground and the local
water supply
If need for irrigation, give the sources and quantities of the lands
to which water has been applied and name of the owner thereof
The number of irrigated acres, and the number of acres of other lands

1. The date of commencement and completion of the construction of the well, wells or other works for supply
2. The depth of each well
3. The nature of the material used in the construction of the well, wells or other works for supply
4. The nature of the material used in the construction of the well, wells or other works for supply
5. The nature of the material used in the construction of the well, wells or other works for supply

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2. The depth of each well
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5. The nature of the material used in the construction of the well, wells or other works for supply

346760
DEC 27 1963
COUNTY CLERK
Deputy

GW 3

File No.

DUPLICATE

T. 29N R. 11E
County CHouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 7 1964

OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

Owner MRS. JOHANNE B. HANSEN

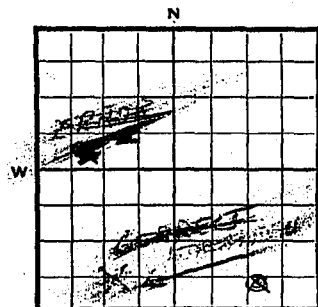
Address BIG SANDY, MONTANA

Contractor (if any) SELF

Address of Contractor

Date Started OCT 10 - 38 Date Completed OCT 6 1954

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. DEVELOPMENT OF SPRING BY SEVERAL DEEPENINGS DURING YEARS INDICATED ABOVE. PIT TYPE, 7 FT. TO TOP OF WATER - 11 FT WATER STORAGE.



SE 1/4 Sec 36 T. 29 R. 11

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

TWO GPM BY ACTUAL MEASUREMENT, WATER USE - STOCK WATER - WATERING FRUIT TREES WEGED SPRAYING AND INCIDENTAL

Signature of Owner Mrs. Johanne B. Hansen

Date 12-23-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26104

THE UNIVERSITY OF MICHIGAN
 LIBRARY
 100 TAPSCOTT DRIVE
 ANN ARBOR, MICHIGAN 48106-1000
 TEL: 734 763 7000
 FAX: 734 763 7000
 WWW: WWW.LIBRARY.UMICH.EDU

GW 3

File No.

DUPLICATE

T. 29 N R. 11 E

County CHouteau

RECEIVED
JAN 7 1964

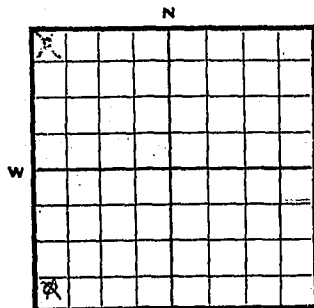
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater JULY 1962
Owner STATE OF MONTANA + CHARLES E. HANSEN
Address BIG SANDY, MONTANA.
Contractor (if any) ERNEST GEYER
Address of Contractor BIG SANDY, MONTANA
Date Started 7-1-62 Date Completed 7-2-62



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. DEEPENING OF SCOP
AREA TO 18 FT. X 25' X 100' - PIT
HOLDS 5' OF WATER-NORMAL HEIGHT.
LESS THAN 1 GPM SUPPLY. STOCK WATER

SW 1/4 Sec. 36 T. 29 R. 11

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

USED
FOR STOCK WATER - ESTIMATE ABOUT
1/2 GAL. PER. MINUTE.

THIS IS ON STATE LAND LEASE
47 416

Signature of Owner

Charles E. Hansen

Date Dec 23, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

1915

These features of this service are to be tried with the *Country Club and Recorder* at the country in which the works are located.

Special Agent in Charge, Chicago
Chicago, Illinois

Dear Sir:

I am writing you to inform you that I have been assigned to the Chicago office as a Special Agent in Charge.

Sincerely,
J. Edgar Hoover

Enclosed are two copies of the report which was prepared by me on the subject of the Chicago office.

Very truly yours,
J. Edgar Hoover

cc - Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Carson
Mr. Egan
Mr. Gurnea
Mr. Hendon
Mr. Pennington
Mr. Quinn Tamm
Mr. Nease
Miss Gandy

FILED

MAY 19 1960

FBI - CHICAGO

200

STATE OF MONTANA,
COUNTY OF CHOUTEAU. } ss.

Filed DEC 27 1963 1A

1.30 o'clock

County Clerk

BY _____ Deputy
Page 200 Filed _____

Signature of Owner:

100

07-06-1987

100

[Faint, illegible vertical text]

and various other subjects, results of importance at the

of the water developed and that the absorption of the

[Faint vertical text or markings along the right edge.]

100

100

Epist. ad Titum 2. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 84

...the
... ..
... ..

SECRET. Letter to Chairman, Subcommittee on Internal Security, House Committee on Education and the Labor Force, dated 12/15/55.

GROUNDWATER INDEX

Page 1 of 1

County Chouteau Twp. 29N Rge. 12E

[illegible]

File No. _____

T. 29 R. 12E

DUPLICATE

County Chouteau

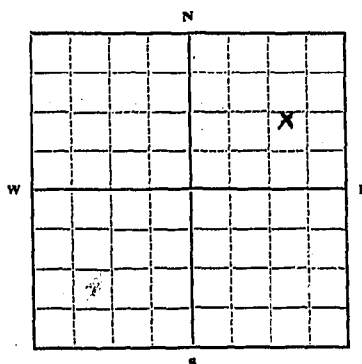
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961).

RECEIVED
AUG 14 1963
STATE ENGINEER

1. Fred C. Schmidt, of Box Elder, Montana
(Name of Appropriator) (Address) (Town)
County of Hill (well located in Chouteau) State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. E. 29 R. 12
Sec. 1

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Domestic & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use summer July 1945
since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2 inch cylinder 1 inch pipe operated
by gas engine & pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1945
8. The depth of water table 187 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well drilled to depth of 864 feet cased with 6" O. D.
to a depth of 557 feet and lined from there on with 4" O. D. to the
depth of 864 feet
10. The estimated amount of groundwater withdrawn each year 1,200,000 gallons
11. The log of formations encountered in the drilling of each well if available Claggett shale throughout
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Fred C. SchmidtDate 8/6/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5386

345101

STATE OF MONTANA, T.
COUNTY OF CHEYENNE, W.
AUG 13 1963

Filed _____
at 8:00 o'clock A.M.
By George W. Hainey County Clerk
By Lynda M. Hainey Deputy
Due to 2:00 P.M.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—45t

File No. _____

RECEIVED

T. 29 R. 12

TRIPLICATE

MAY 31 1973

County Chateau

LOG

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

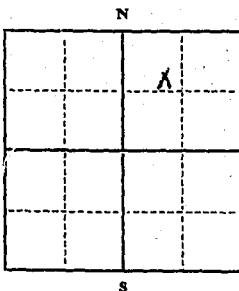
Owner David Euc Address Big Sandy, MontanaDriller H. Hine Drilling Service Address Haure, Montana

Date of Notice of appropriation of groundwater.....

Date well started 3-17-66 Date completed 3-23-66Type of well Drilled Equipment used Cable tool rig
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
		6 feet below ground level	182	(No Perforations)		
		6 5/8" O.D. 14" / foot	182	water coming in thru bottom of drive shoe at 198' level		

Static Water Level for non-flowing well 117 feet.Shut-in Pressure for Flowing Well Not Appl.Pumping Water Level 154 feet at 7 gal. per minute.Discharge in gal. per min. of flowing well Not ApplicableHow Tested Test pumpLength of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NW 1/4 Sec. 7, T. 29 R. 12
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Doc. No. 370955

Filed for record

this 29th day of MayA.D. 1973 at 2:00O'clock P.M.

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 46Driller's Signature Hubert Ince

53, 313

GW

Title No.

TRIPLICATE

RECEIVED

MAY 3 1973

Approved State Form—State Publishing Co., Helena, Montana

County Chouteau

LOG

MONTANA DEPARTMENT OF WATER
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level)

Top of subsoil

6' of brown clay

Brown sand (dry)

Brown clay

Yellowish-brown clay

Gravelly brown clay

Brown clay - fragments

of coal

Brownish-grey clay

Grey clay

Gravelly grey clay

Grey clay

Sandy grey clay

Grey clay

Gravelly grey clay

Grey clay - fragments

of shale

Silty grey clay

Silty grey clay

Grey clay

Grey silty sand

Grey sand - water

approx. 3 GPM

considerable silt

sand (cased off)

Grey clay

Gravelly grey clay

Grey sand - water

Gravel - water -

approx. 9 GPM

Claggett shale

formation below

198'

Doc. No. 370955

Filed for record

this 29th day of May

A.D. 1973, at 2:00

O'clock P.M.

148'

Show exact depth of bottom.

Owner David E. McAddress Big Horn, MontanaDriller Herbert Drilling ServiceAddress Helena, Montana

Date of Notice of appropriation of groundwater

Date well started 3-17-66Date completed 3-23-66Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable Tooling

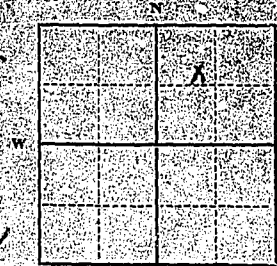
(Churn drill, rotary or other)

Water use

Domestic ☒Municipal ☐Stock ☒Irrigation ☐Industrial ☐Drainage ☐Other ☐

Indicate on the diagram the character and thickness of the different strata met within drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PREPARATIONS
		6 feet		
	6 3/8" O.D.	below ground	182	(1) No perforations
	13 7/8" foot	182	198	water coming in
	6 3/8" O.D.	182	198	through bottom of
	14 1/4" foot			drive shoe at 198
				level



Static Water Level for non-flowing well

Not Applicable feetShut-in Pressure for Flowing Well 10.5 HeadPumping Water Level 154 feetat 7 gal per minute

Discharge in gal per min. of flowing well

Not ApplicableHow Tested Test pumpLength of Test 5 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff)

NW 1/4 Sec. 7 T. 29. R. 12

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

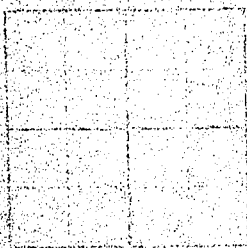
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

53, 313



STATE OF MONTANA,
COUNTY OF CHOUTEAU.

Filed May 29 1923

at 2:00 o'clock P.M.

Dwight W. Evans
County Clerk

Witness my hand and seal this _____ day of _____, 1923

Attest:

Recorder

NOTICE OF COMPLETION OF CONSTRUCTION
OF A ROAD IN THE TOWN OF
MONTANA, COUNTY OF CHOUTEAU,
STATE OF MONTANA.

BEFORE ME, the undersigned authority, on this _____ day of _____, 1923, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing certificate, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

NOTICE

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—45t

GW

File No.

MAY 31 1973

T 2.9 R 12.7

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

County Chouteau

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level.....)

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 3 Top and subsoil
11 Sandy brown clay
24 Yellowish-brown clay
37 Gravelly brown clay
43 Yellowish-brown clay
46 Brown sand
49 Brown clay
52 Brownish-grey clay
58 Grey clay
69 Gravelly grey clay
86 Grey clay - fragments of
blue & grey shale & coal
90 Gravelly grey clay
92 Grey sand - trace of water
120 Grey clay - fragments
of shale
127 Gravelly grey clay
133 Soft grey clay
144 Sandy grey clay
162 Grey clay
167 Gravelly grey clay
168 Grey sand - trace of water
179 Gravelly grey clay
181 1/2 Silty grey clay
182 Grey sand - some small
gravel - water
184 Grey clay
185 Sand and gravel
water

Owner David Eve Address Big Sandy, Montana
Driller H. Line Drilling Service Address Havre, Montana

Date of Notice of appropriation of groundwater.....

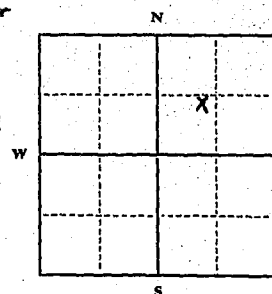
Date well started 3-7-66 Date completed 3-16-66

Type of well Drilled Equipment used Cable tool rig
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8"	6 7/8" O.D. 19# per foot	2' 3"	185	(No Perforations) water coming in thru bottom of drive shoe at 185 ft.		



Static Water Level for non-flowing well
111 feet.

Shut-in Pressure for Flowing Well Not App.

Pumping Water Level 152 feet
at 5 gal. per minute.

Discharge in gal. per min. of flowing well
Not Applicable

How Tested Pump

Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

SW 1/4 Sec. 7, T189 R12
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Doc. No. 370954

File for record

this 29th day of May

A. 73 at 2:00

P. P.

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

185 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

46
Driller's License Number

Driller's Signature

531314

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Approved Stock Form - State Publishing Co. Helena, Montana

GW

File No.

MAY 31 1973

T 29 R 12

TERMINATE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Chouteau

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0' Top and subsoil
 1' Sandy brown clay
 2' Yellowish brown clay
 3' Gravelly brown clay
 4' Yellowish brown clay
 5' Brown sand
 6' Brown clay
 7' Brownish-grey clay
 8' Grey clay
 9' Gravelly grey clay
 10' Grey clay - fragmented
 11' Blue-grey shale coal
 12' Gravelly grey clay
 13' Grey sand - trace of water
 14' Grey clay - fragments
 15' Gravelly grey clay
 16' Soft grey clay
 17' Sandy grey clay
 18' Grey clay
 19' Gravelly grey clay
 20' Grey sand - trace of water
 21' Gravelly grey clay
 22' Silty grey clay
 23' Grey sand - some small
 24' gravel - water
 25' Grey clay
 26' Sand and gravel
 27' water

Owner David E. Eve

Address Big Sandy, Montana

Driller H. L. Lane Drilling Co.

Address Big Sandy, Montana

Date of Notice of appropriation of groundwater

Date well started 3-7-66

Date completed 3-16-66

Type of well Drilled

Equipment used Cable tooling

(Dug, driven, bored or drilled)

(Chain drill, rotary or other)

Water use:

Domestic ☐

Municipal ☐

Stock ☒

Irrigation ☐

Industrial ☐

Drainage ☐

Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 7/8"	6 7/8" OD	2' 3"	185'	(No perforations) water coming in thru bottom of drive shoe on bottom
	19 1/2 per foot	above ground level		

Static Water Level for non-flowing well

111 feet

Shut-in Pressure for Flowing Well Not Applicable

Pumping Water Level 152 feet

at 5 gal. per minute

Discharge in gal. per min. of flowing well

Not Applicable

How Tested Pump

Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Subsec. 7 T29 R12
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Doc. No. 390954

Filed for record

this 29th day of May

A. L. 73 at 2:00

P. M.

USE - If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

(Continue on reverse side)

185' Show exact depth of bottom.

This form to be prepared by driller. and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Robert J. J. J.
Driller's Signature.

53,314

RECEIVED

1973

NOTICE OF COMMISSION OF GEOGRAPHICAL
APPROPRIATION BY NAME OF AREA

DEPARTMENT OF STATE
BUREAU OF GEOGRAPHICAL NAMES
STATE OF MONTANA

370954

STATE OF MONTANA, ss.
COUNTY OF CHOUTEAU,

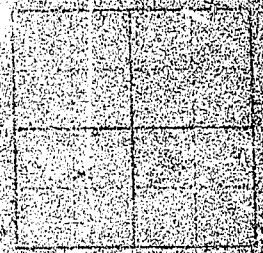
Filed May 29 1973

at 2:00 o'clock P.M.

By George W. Hines County Clerk

By _____ Deputy

Fee \$ _____ Paid



Notarized by _____
Notary Public for the State of Montana
My commission expires _____

File No.

T 29 R 12 E

DUPLICATE

County CHOTEAU

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
P 26 1963

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner FRED SCHMIDT Address BOX ELDER, MONT.

Driller HILLINE DRILLING SERVICE Address HAYRE, MONTANA

Date of Notice of Appropriation of Groundwater.....

Date well started AUG 29, 1963 Date Completed SEPT 3, 1963

Type of well DRILLED Equipment Used CABLE TOOL RIG
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

0		
4	SANDY SOIL	
35	SANDY BROWN CLAYS	
102	SOFT SANDY GREY CLAY + PEBBLES	
105	SAND + SILT - TRACE OF WATER (CAVING BADLY - CASING RUN)	
115	SANDY GREY CLAY	
119	GREY SAND + SILT - COAL (CASED OFF)	
159	GREY CLAY - PEBBLES	
162	CLAY + GRAVEL COMPOSITE (DRY)	
170	GREY SAND + SILT - TRACE OF COAL + WATER	
172	SANDY GRAVEL - WATER	
173	COURSE GRAVEL - WATER APPROX. 46 GPM	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" I.D.	0	173	NO PERFORATIONS		
	13" PER FOOT			WATER COMING THRU BOTTOM OF CASING		
	T & C					

Static Water Level for non-flowing Well 96 feet.

Shut-in Pressure for Flowing Well NOT APPLICABLE

Pumping Water Level 160 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well NOT APPLICABLE

How Tested BALER Length of Test 3 HOURS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation).....

N 1/4 Sec. 11 T 29 R 12 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

WATER ANALYSIS

HARDNESS 29
IRON NONE
PH 8.0PUMPING RATE
12 GPM AT 160'
9 1/2 " " 150'
7 1/4 " " 140'
5 1/2 " " 130'
3 1/2 " " 120'
1 1/2 " " 110'46
Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6065

Filed SEP 25 1963 IN 10
at 10:45 o'clock A. M.
George W. Hain
County Clerk
by James M. Hain Deputy
Fee \$ 2.00 Paid 11

GW 3

File No.

T. 29 R. 12

ORIGINAL

County Chouteau

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE 1973

OFFICE OF STATE ENGINEER MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

RECEIVED

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

37305
6-29-73
9:00 AM

Date of Appropriation of Groundwater 1955

Owner Courtage & Sons, Inc.

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor none

Date Started 1955 Date Completed 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. developed spring with pipe and tank - gravity



NE 1/4 SW 1/4 Sec. 25 T. 29 R. 12

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use
stock water used year around 4
gals per minute

ATTEST

Secretary
(CORPORATE SEAL)

Signature of Owner Courtage & Sons, Inc.
President
Date June 26, 1973

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

56339

#371305

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU, }

Filed JUN 29 1973 19

at 9:00 o'clock 9 M.

[Signature]
County Clerk

By _____ Deputy

Fee \$ 2.00 Paid

RECEIVED

MAY 31 1973

County Chouteau

DRILLER'S LOG 26

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner P.S. Kent

Address

Date well started 1900

completed 1900

Type of well Drug

(Dig, driven, bored or drilled)

Equipment used Shovel

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

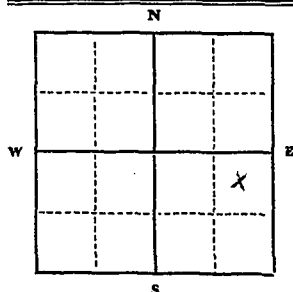
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>16" DIA</u>	<u>ROCK</u>	<u>0-15</u>				



T. 16 S. 1/4 Sec. 16
T. 29 N. R. 12 E.
S W

Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.
Well developed by
forhours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]

Driller's Address

LICENSE NO.

Show exact depth of bottom

53,312

370 960

STATE OF MONTANA
COUNTY OF CHOCTEAU

Filed May 29 1973

at 3:00 o'clock P.M.

George W. Harvey
County Clerk

By _____ Deputy

For _____

GW 3

File No.

DUPLICATE

T. 29N R. 12E

County CHouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater SEPT 1955

Owner CHARLES E. HANSEN

Address BIG SANDY MONTANA

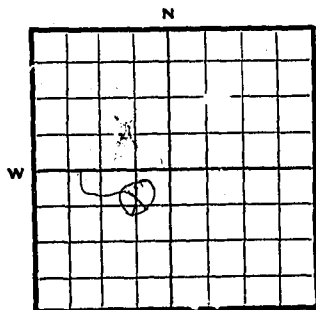
Contractor (if any) SELF

Address of Contractor

Date Started ABOUT 9-3-55 Date Completed ABOUT 9-7-55

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. DEEPENING INTERMITTENT

SPRING TO PIT 14' DEEP BY 100' LONG BY 30' WIDE. WATER DEPTH VARIES FROM SURFACE TO 7' DEPTH



SW 1/4 Sec 31 T 29 R. 12

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. FLOW VARIES

FROM ABOUT 3/4 GPM DOWN TO 1/4 GAL PER MINUTE - SEASONAL (ESTIMATE) USED FOR STOCK WATER AND FOR IRRIGATION OF TREES

Signature of Owner Charles Hansen

Date Dec. 23, 1963

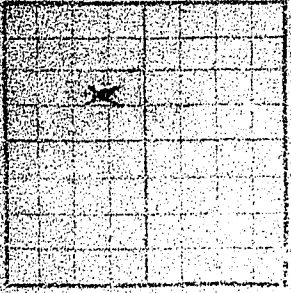
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26106



and by me, J. J. Harvey

Quantity of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

and to show the amount of work done by me and my assistants in the month of May 1963

This form to be prepared by the County Clerk or his assistant

and to be filed in the County Clerk's office

and to be filed in the County Clerk's office

and to be filed in the County Clerk's office

and to be filed in the County Clerk's office

346763

COUNTY OF TROUTEAU, N.Y.

Dated May 27 1963

1:30 o'clock P.M.

George W. Harvey

County Clerk

Deputy

Per \$ 2.00 Paid

T 29 N R 12 E

County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JUL 10 1957

Owner Ihmsen Well Assn.

Address Big Sandy, Mont.

Driller

Address

Date Started August 1955 *

Date Completed June 1957

Location: Sec. 32 T. 29 N R. 12 E 1/4 sec. SW 1/4

Type of well Dug

Equipment used Dragline

(Dug, driven, bored, or drilled)

(Churn drill, rotary, other)

Water use: Domestic ☒

Municipal ☐

Stock ☐

Irrigation ☐

Industrial ☐

Drainage ☐

Other:

Casing: 0 ft. to 22 ft.

Type Concrete Size 72 inch

Casing: ft. to ft.

Type Size

Casing: ft. to ft.

Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 13 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 18 feet at 224 gal. per min.

How tested: Centrifugal pumps

Length of test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

* The original well was dug by hand years ago. On this date old
curbing was taken out, well cleaned and new curbing installed.

(over)

UNITED STATES
NAVY
HISTORICAL RECORDS
OFFICE
WASHINGTON, D. C.

INSURANCE: NEOL ABENT

The Bible

STATE OF MONTANA
COUNTY OF HOOVER
Filed July 15, 1957 57
\$8.00
Henderson, M. Hanson
\$50

July 15 1957

8:00 AM - 10:00 AM

Halden, M. Hansen

6-1117-4021

Depun

50

File No.

DUPLICATE

T. 29 R. 12 32
County Chouteau

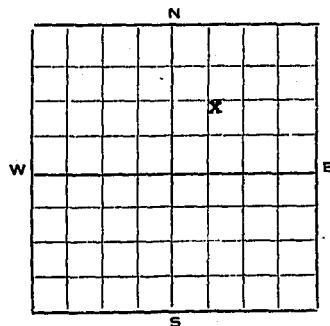
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Ihmsen Well Association of Rig. Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32 T29 R12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Domestic, stock water and weed spray

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1911 continuous to 1939
intermittant to 1956, continuous 1956
to present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
centrifugal pump and electric motor
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32, township 29, range 12

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well dug and curbed originally about 1911, new
pumping and pump installed last in 1956

8. The depth of water table 9 ft to 18 ft from original ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well 6ft. in diameter, 18 ft. deep

10. The estimated amount of groundwater withdrawn each year 2,500,000 gallons

11. The log of formations encountered in the drilling of each well if available not available
water comes from gravel deposit

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record log of well filed with county clerk

Ihmsen Well Association
Signature of Owner R. J. J. J. J. sec.-treas.
Date Dec. 7, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

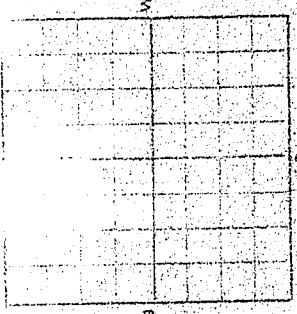
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

8827

adjoining interests, 10. notes
 11. If the right is being transferred and completed of the construction of the
 project of use if the right is being transferred and completed of the
 project of use if the right is being transferred and completed of the

12. If the right is being transferred and completed of the construction of the
 project of use if the right is being transferred and completed of the



13. If the right is being transferred and completed of the construction of the
 project of use if the right is being transferred and completed of the

14. If the right is being transferred and completed of the construction of the
 project of use if the right is being transferred and completed of the

DECLARATION OF GROUNDWATER RIGHTS

346298

STATE OF MONTANA
 COUNTY OF CHouteau

Filed DEC 1 1963

at Helena

by Clarence D. Haring

Doc # 2080

by Clarence D. Haring

Doc # 2080

by Clarence D. Haring

Doc # 2080

by Clarence D. Haring

Doc # 2080

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Doc # 2080

by Clarence D. Haring

Doc # 2080

by Clarence D. Haring

Doc # 2080

53, 315

370 959

STATE OF MONTANA,) ss:
COUNTY OF CHOUTEAU)

Filed May 29 1923

at 3:00 o'clock P.M.

Alma W. Haney
County Clerk

By _____ Deputy

Dec 2 _____ 1921

File No.

DUPLICATE

T. 29 R. 12 E.

County Chouteau

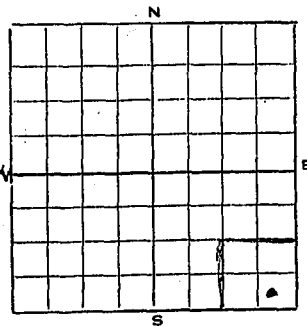
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Elmer B. Lund, of P.O. Box no. 222, Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. E 1/4 Sec. 34 T. 29 R. 12 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Primary
use is for the house.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 1, 1945 and has been in continual daily use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Ten gal. per minute.

5. If used for irrigate, the acreage and description of the lands to which water is applied and name of the owner thereof
Used for garden irrigation only.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Using a electric jet pump located over well for withdrawal of water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well completed Oct. 1, 1950 after about two weeks work.

8. The depth of water table 38 ft. The water rises 15 ft. from the vein.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well is about 39 ft. deep. It is lined for the first 20 ft. from the bottom with glazed culvert tile 2 ft. in diameter. The rest of the well is lined with curved cement well blocks. This well is located in the basement of our dwelling house under the cement floor.

10. The estimated amount of groundwater withdrawn each year About 30,500 gal. per yr.

11. The log of formations encountered in the drilling of each well if available We encountered a brown clay hardpan all the way down after getting through the top soil.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This well was dug by hand. The water is very hard from alkali salts.

Signature of Owner Elmer B. Lund

Date Dec. 30, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3036

and Oathmaster for the above-named
 On this day the County Clerk and Recorder, having up to the year 1906, have
 please answer all questions. It is not sufficient to state that the person will
 present
 These copies to be filed in the office with the County Clerk and Recorder.

Signature of Owner

STATE OF MONTANA
 COUNTY OF CHOUTEAU, ss.

Filed Dec 31 1906
 at 4:00 o'clock
George W. Harrison
 County Clerk
 By James M. Harrison
 Notary Public
 Paid 20

1. That other information of a similar nature as may be needed in such

11. The lot or lots of land owned by the grantor of each well if same be

10. The estimated amount of water to be supplied by the well for each

8. The depth of water in the well

7. The date of commencement and completion of the construction of the well, and of other works for im-

1. The name of the well

2. If need for irrigation give the surface and description of the land
 to which water has been applied and name of the owner thereof
 her interest. If not the owner of the land, give the name of the person
 to whom the water has been applied (in mine's interest or anyone



File No.

DUPLICATE

T. 24

County of Chouteau

STATE OF MONTANA
ADMINISTRATIVE OFFICE OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

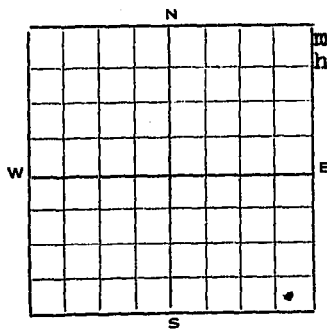
APR 7 1963

ENGINEER

DECLARATION OF VERIFICATION OF GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Elmer B. Lund, of P.O. Box no. 142, Big Lake,
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. E 1/4 Sec. 34 T29 R12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based For supplemental and emergency use with other 2 wells at headquarters.

3. Date of approximate date of earliest beneficial use; and how continuous the use has been well completed about Sept. 15, 1916. This well has been in intermittent use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ten gal. per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the location of each well or other means of withdrawal This well has an old type hand pump with pump jack and gas motor for withdrawal of water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was completed about Sept. 15, 1916 after a weeks work.

8. The depth of water 38 ft. The water raises about 1 ft. from the bottom.

9. So far as is known, the type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater This is a drilled well about 38 ft. deep and has a 4 in. steel casing. It is located between the house and barn.

10. The estimated amount of groundwater withdrawn each year From 0 to 10,000 gal. per yr.

11. The log of formations encountered in the drilling of each well if available We encountered a brown clay hardpan after getting thru the top soil.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any city record. I use this well for a supplemental supply of water when we are irrigating the garden and for emergency use when the electricity goes off or we have trouble with our water supply system.

Signature of Owner Elmer B. Lund

Date Aug 25 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3037

Original to the County Clerk and Recorder; subject to the State's claim to the copy of the

These matters are discussed in the following pages.

There is no other person named in the report of the committee.

ॐ नमो भगवते वासुदेवाय

MON
F CHD
Dec
4/10
200

15. Such other information of a confidential nature as may be desired in connection with the investigation of the case.

..... Making it less likely to get off to a bad start

10. The estimated number of foreign-born applicants each year, 1970-1979, is as follows:

Q. 20 for as if any principle the first and fourth of each will on the General abolition of slave property.

8. The following is a list of the names of the persons who have been appointed to the various committees of the Board of Directors of the American Telephone and Telegraph Company, for the year ending December 31, 1917.

1. The date of commencement and completion of the well, wells or other works for which

c. The use of nitrogen and such water from the growing and the loss

SECRET

Q. The means of acquiring such water from the flowing and the forest

to which water lies near abridged and name of the dunes, thereby.....

2. It need not indicate the nature and description of the property.

... ..

STATE OF MONTANA
COUNTY OF CHUTEAU

Filed Dec 31 1962
4:20 P.M.

George W. Harvey
Irene M. Harvey

209

File No.

T. 29 R. 12 E. 34

DUPLICATE

County... Chouteau

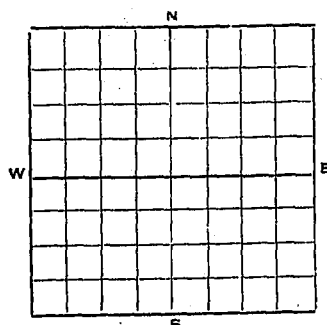
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Elmer B. Lund, of P.O. Box 222, Big Sandy,
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. E. 1/4 Sec. 34 T. 29 R. 12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Primary
use is for watering stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Ten gal. per minute
This well was completed June 20, 1960 and has been in continual daily use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Ten gal. per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used for garden irrigation only.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Have
installed an electric jet pump over well for withdrawal of water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well completed June 20 after about three weeks work.

8. The depth of water table 38 ft. The water rises 15 ft. from the vein

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well is about 38 ft. deep. The first 20 ft. from the bottom are lined with glazed culvert tile 2 ft. in diameter. The rest of the well is lined with brick. This well is located in a small basement in the garage under a cement floor.

10. The estimated amount of groundwater withdrawn each year 100,000 gal.

11. The log of formations encountered in the drilling of each well if available After getting thru the top soil we encountered a brown clay hardpan.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This well was dug by hand. The water is very hard from alkali salts. I have the well under the house basement joined with this well by an underground pipe for a sure supply of water for house or cattle.

Signature of Owner Elmer B. Lund

Date Dec 29, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3038

and descriptions for the abandonment
 Original to the County Clerk and for record in the main file of the County Clerk
 These copies to be filed by the owner with the County Clerk and
 recorded.

15. Such other information of a similar nature as may be desired in connection
 with the abandonment of the well.

STATE OF MONTANA,
 COUNTY OF CHOUTEAU.

Filed Dec 31 1962
 at 10 o'clock
George W. Hawley
 County Clerk
 By James M. Harris
 Paid 20.00

10. The estimated amount of groundwater supplies and the estimated amount of water used for the purpose of the well.

11. The job of construction encountered in the drilling of each well in accordance with the plan of the well.

12. The date of abandonment and completion of the construction of the well, wells or other works for which the abandonment is made.

13. The date of abandonment and completion of the construction of the well, wells or other works for which the abandonment is made.

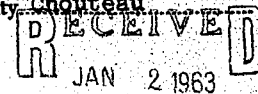
14. The date of abandonment and completion of the construction of the well, wells or other works for which the abandonment is made.

File No.

DUPLICATE

T. 29 R. 12

County Chouteau



STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

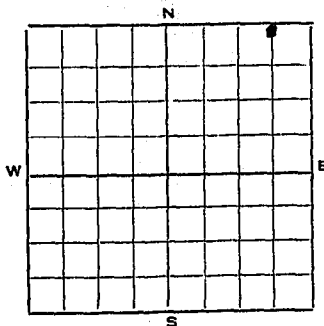
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Elmer B. Lund of P.O. Box 282, Big Sandy,
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 35 T29. R12.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based This well is used for watering cattle on the range.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been This well was completed in 1958. It was in continuous use for 3 yrs. but I lost the lease on the land below the well so it has not been in use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ten gal. per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal I had a line pipe 1 in. pipe starting from this well at 4 ft. under ground and running 300ft. down the couleewhere it ran in to a tank with a continual flow. This is not in use now.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was completed early in 1958 after about 3 weeks work.
8. The depth of water table 3 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well is 8 ft. deep and lined with a heavy steel curb. I plan to put a pump and motor on this well so I can provide water for this part of my range.
10. The estimated amount of groundwater withdrawn each year 10,000 bbls. per yr.
11. The log of formations encountered in the drilling of each well if available This well was dug in amuc ky clay formation.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This well is in the bottom of a coulee toward the east end of my range.

Signature of Owner Elmer B. Lund
Date Dec 29, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3035

1. The conditions for the franchise.

2. The County Clerk and Recorder shall prepare a map showing the location of the proposed well and the location of the proposed water right.

3. The water right shall be located in the County Clerk and Recorder's office.

Signature of Owner

3429 6

STATE OF MONTANA, COUNTY OF CHOUTEAU.

Filed Dec 31 1962
at 4:00 o'clock P
By George W. Harvey County Clerk
By James M. Harvey Deputy
for 200 paid

4. The water right shall be located in the County Clerk and Recorder's office.

5. The water right shall be located in the County Clerk and Recorder's office.

6. The water right shall be located in the County Clerk and Recorder's office.

7. The water right shall be located in the County Clerk and Recorder's office.

8. The water right shall be located in the County Clerk and Recorder's office.

9. The water right shall be located in the County Clerk and Recorder's office.

10. The water right shall be located in the County Clerk and Recorder's office.

11. The water right shall be located in the County Clerk and Recorder's office.

12. The water right shall be located in the County Clerk and Recorder's office.

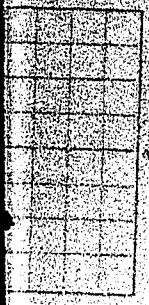
13. The water right shall be located in the County Clerk and Recorder's office.

14. The water right shall be located in the County Clerk and Recorder's office.

15. The water right shall be located in the County Clerk and Recorder's office.

16. The water right shall be located in the County Clerk and Recorder's office.

17. The water right shall be located in the County Clerk and Recorder's office.



RECEIVED
MAY 31 1973

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

County Chouteau

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

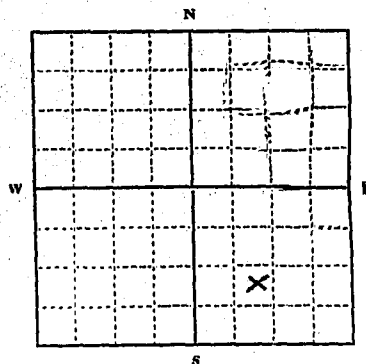
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 370958

May 29, 1973

GW 1 3:00 p.m.



S. 1/4 Sec. 25

T. 19 N. R. 18 E.

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated 3000 approx

Owner Ren L Lund

Address Box 266, Big Sandy, Mont

Contractor (if any) none

Address of Contractor

Date Started 1964 Date Completed 1964

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table 5'

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year all spring will flow

8. Months of year spring flows 12

Signature of Owner Ren L Lund

Date 5/17/73

53,309

370 958

STATE OF MINNESOTA
COUNTY OF CHANDLER

Filed May 29 1923

at 3:00 P.M.

George W. Haney
Clerk of Court

By _____ Deputy

Fee \$ _____ Paid

GW 3

File No.

DUPLICATE

T. 27 R. 12 E

County CHOUTEAU

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1963 ~~1962~~

Owner REIN L. LUND

Address BOX 473, BIG SANDY, MONT

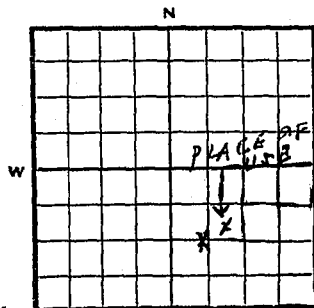
Contractor (if any) BOB DREW

Address of Contractor BIG SANDY, MONT

Date Started 1 SEPT 62 Date Completed 1 NOV 63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. PIPING WATER

FROM SPRING TO STOCK TANK
DISTANCE OF 510 FT. DEPTH
TO WATER 3 FT



W 1/2 W 1/2 SE
Sec 15 T12 R12E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 3 GAL PER MINUTE. DETERMINED BY USE OF A BUCKET & WATCH.
CONTINUOUS USE

Signature of Owner Rein L. Lund

Date 30 DEC 1963

This form to be prepared by contractor (if any), otherwise by the owner.

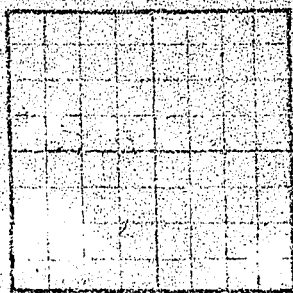
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

26224

Date of appropriation of ground: _____
Owner: _____
Address: _____
Contractor (if any): _____
Address of Contractor: _____
Date started: _____
Describe the means of obtaining groundwater without a well, such as
and irrigation and other natural processes. _____



Quantity of water developed and used with explanation of method
of use to measure. _____

Indicate point of appropriation
and place of use, if possible.

This form to be prepared by contractor (if any) and signed by the owner.
Three copies of this report are to be filed with the County Clerk and Recorder of the county in
which the works are located.

Original filed in _____
#346898
COUNTY OF CHOUTEAU.

Dated DEC 30 1963 1st
at 3:00 o'clock
by [Signature] County Clerk
by _____ Deputy
for \$ 2.00 Paid

Page / of /

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	H. H. Bitz Land Co.	GW2	348328	
5	Linnell, Hearn	GW2	346923	
5	Bertha Hearn	GW4	346922	
5	Bertha Hearn	GW4	346921	
5	Bertha Hearn	GW4	346920	
11	Atina Pogreba	GW4	346935	
14	Edna L. Drake	GW1	341716	
16	H. H. Bitz Land Co.	GW2	368741	
16	H. H. Bitz Land Co.	1961	18#	
19	Courtneage & Sons, Inc.	GW3	371308	
21	Cowan & Son, Inc.	GW2	348353	
22	Edna L. Drake	GW4	341717	
22	Edna L. Drake	GW4	341715	
22	Cowan & Son, Inc.	GW4	18#	
28	Kenneth W. Hagan	GW4	347085	
29	Kenneth W. Hagan	GW4	347086	
31	Courtneage & Sons, Inc.	GW3	371307	
32	John H. Balagie	GW2	341617	
32	Courtneage & Sons, Inc.	GW4	34364	
34	Max H. Clawiter	GW4	341012	
35	Edward C. Roy	GW3	347623	
36	Wm. & Anna Cowan	GW3	354604	

File No.

DUPLICATE

RECEIVED

JUN 1 1964

T. 29 R. 13

County CHOTEAU

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

STATE ENGINEER

(Elev. above sea level 2650)

Notice of Completion of Groundwater Appropriation by Means of Well

WELL WAS PREVIOUSLY DRILLED ON NOV. 18, 1963 TO DEPTH OF

(Under Chapter 237, Montana Session Laws, 1951)

35 FEET COMMENCING

Owner H.H. BITE LAND CO.Address BOX ELDER, MONT.

IN GRAVEL. REASON FOR

Driller HILITE DRILLING SERVICEAddress HANRE, MONT.

DEEPENING WELL WAS THAT

Date of Notice of Appropriation of Groundwater

WATER WAS OF INFERIOR

Date well started MARCH 26, 1964Date Completed APRIL 3, 1964

QUALITY, UNFIT FOR CATTLE

Type of well DRILLEDEquipment Used PARLE TOOL RIG

(dag, driven, bored or drilled)

(Churn, drill, rotary or other)

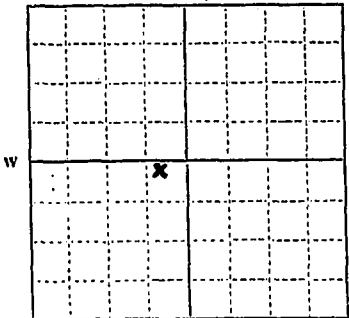
Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒SAND & GRAVEL - WATER (SHUT OFF)FINE SILTY CLAYGREY CLAY - BOULDERSFINE SILT. COAL PARTICLESGREY CLAY & PEBBLESGREY SAND & SILTSANDY GREY CLAYGREY CLAY - BOULDERS(PARTICLES OF BLUE & GREYFINE SILTY CLAY SHALE)GREY CLAYSANDY GREY CLAYFINE & COARSE SANDTRACE OF WATERGRAVEL - WATER, EXCEEDING 100 GPM

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	6" I.D.	PREVIOUSLY Cased To	35'			
	13" PER FOOT	35	201	NO PERFORATIONS (CASING PLACED 2 FT. INTO GRAVEL)		

Static Water Level for non-flowing Well 8 feet.Shut Pressure for Flowing Well NOT APPLICABLEPumping Water Level 25 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well NOT APPLICABLEHow Tested BALER & PUMP Length of Test 3 HOURS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)



NE 1/4 Sec. 3 T. 29 R. 13
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 46

Robert Freier
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38141

10

100

348328

STATE OF MONTANA, }
COUNTY OF CHOUTEAU. }

Filed May 29 1964
 at 10:45 a.m. at
Pls. 2 W. Harvey
Courtesy Clerk
 By David M. Jewell Deputy
as S. 27 paid

101

10-11-68

10

WILLIAM J. BROWN
JAMES E. BROWN



100-2117 (S. 100-2117)



1901



1946-1947